07/05/2009   **10/586541**

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Docket No: Q95983
	PCT/JP/2005/000471
Yuzo SENDA	-filed January 17, 2005
Appln. No.: Not assigned yet	
Confirmation No.: Not assigned yet	Group Art Unit: Not assigned yet
Filed: July 19, 2006	Examiner: Not assigned yet

For: PARITY CHECK MATRIX GENERATION METHOD, DATA TRANSMISSION SYSTEM, ENCODING DEVICE, DECODIING DEVICE, AND A PARTIY CHECK MATRIX GENERATION PROGRAM

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby

notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached

PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem

material to patentability of the claims of the above-identified application.

1. Japanese Patent Application Publication No. 2001-168733, published June 22, 2001,

along with English-Language Abstract;

2. Japanese Patent Application Publication No. 2003-244109, published August 29, 2003,

along with English-Language Abstract;

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. to Yuzo SENDA

3. Japanese Patent Application Publication No. 2003-115768, published April 18, 2003,

along with English-Language Abstract;

4. Japanese Patent Application Publication No. 2003-198383, published July 11, 2003,

along with English-Language Abstract;

5. Japanese Patent Application Publication No. 2003-296302, published October 17,

2003, along with English-Language Abstract;

6. International Application Publication No. WO 01/97387, published December 20,

2001, along with English-Language Abstract;

7. Michael G. Luby et al. "Efficient Erasure Correcting Codes" IEEE Transactions on

Information Theory, Vol. 47, No. 2, February 2001, pages 569-584;

8. Thomas J. Richardson et al. "Design of Capacity-Approaching Irregular Low-Density

Parity-Check Codes" IEEE Transactions on Information Theory, Vol. 47, No. 2, February 2001,

pages 619-637;

9. David J.C. Mackay "Good Error-Correcting Codes Based on Very Sparse Matrices",

IEEE Transactions on Information Theory, Vol. 45, No. 2, March 2, 1999, pages 399 to 431.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three

months from the application's filing date; (2) Before the mailing date of the first Office Action

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

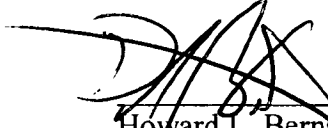under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. to Yuzo SENDA

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant states that reference 3 and 4 are cited within the

specification beginning at page 6, line 2. Applicant encloses herewith a copy of an International

Search Report citing documents 1 and 2 indicating the degree of relevance found by the foreign

patent office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

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WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: July 19, 2006

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Substitute for Form 1449 A & B/PTO	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number	Not assigned yet
	Confirmation Number	Not assigned yet
	Filing Date	July 19, 2006
	First Named Inventor	Yuzo SENDA
	Art Unit	Not assigned yet
	Examiner Name	Not assigned yet
Sheet	1	of	1	Attorney Docket Number	Q95983

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code[2] *(if known)*		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation[6]
		Country Code[3]	Number[4]	Kind Code[5] *(if known)*			
/F.A./		JP	2001-168733	A	06-22-2001		
↓		JP	2003-244109	A	08-29-2003		
		JP	2003-115768	A	04-18-2003		
		JP	2003-198383	A	07-11-2003		
↓		JP	2003-296302	A	10-17-2003		
		WO	01/97387	A1	12-20-2001		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation[6]
/F.A./		MICHAEL G. LUBY et al. "Efficient Erasure Correcting Codes" IEEE Transactions on Information Theory, Vol. 47, No. 2, February 2001, pages 569-584	
↓		THOMAS J. RICHARDSON et al. " Design of Capacity-Approaching Irregular Low-Density Parity-Check Codes" IEEE Transactions on Information Theory, Vol. 47, No. 2, February 2001, pages 619-637.	
↓		DAVID J.C. MACKAY "Good Error-Correcting Codes Based on Very Sparse Matrices" IEEE Transactions on Information Theory, Vol. 45, No. 2, March 2, 1999, pages 399- 431.	

Examiner Signature	/Fritz Alphonse/	Date Considered	07/05/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to indicate here if English language Translation is attached.

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